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KRABAT SHERIFF S2

USER MANUAL

Safety

Krabat Sheriff S2 has got the CE marking. This is a guarantee for the product to meet all the requirements of the European health and safety regulations. The product has got the CE marking in accordance to EN **12182:2012** and EN **12183:2009**. This user manual is certified according to these standards.

All the materials used in Krabat Sheriff S2 meet the requirements NS-EN 1021 according to flammability. The durability of this product is equivalent to a lifespan of 5 years of regular use. After 5 years the product needs to be renovated by Krabat AS or approved partner, to extend the lifespan. All service should be done by Krabat AS or approved partner. Service manual is not included.

The CE making shall be removed if there is any reconstruction of the product, or use of unoriginal parts.

Warning

Never leave a child in the wheelchair without adult supervision.

The wheelchair will accommodate a maximum weight of 60 kg.

The antitippers need to be in place at all times. If removed the angle of tipping is changed and dangerous situations can occur.

Check or adjust the hip belt on a regular basis and make sure there is no malfunction. The hip belt prevents the child from falling out the wheelchair, and it also encourages a correct sitting position.

Maximum safe slope is 8 degrees. Surfaces with bigger slopes can cause the wheelchair to tip over. Krabat Sheriff S2 is not a toy. Never let a child play with the wheelchair as is can harm both the child and the product.

Always use the wheelchair as advised by your physiotherapist or occupational therapist.

Krabat Sheriff S2 is not approved for car transport.

The temperature of the surface can be high if exposed for direct sunlight over a long period of time. Under these circumstances it is important to check the temperature before you place a child in the wheelchair.

The wheelchair has movable parts and therefore the risk of getting body parts caught between them is increased. Awareness of this is necessary to reduce the risk of injury.

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01

General

Krabat Sheriff is an active children's wheelchair for indoor and outdoor use. The wheelchair accommodates children in the age of approx 6 – 12 years. The wheelchair is lightweight and the cambered wheels make it easy to maneuver.

The sitting position is individually adjusted using height and angle of seat, height of backrest, width of rear wheels, position and different angles of the footrests. The Krabat Sheriff has got a saddle seat, and the sitting position is close to identical with the one of Krabat Jockey. The use of this wheelchair should be determined by your local physiotherapist or occupational therapist.

The Krabat Sheriff promotes a neutral position in the hip and pelvic and abducts the hips. This together with the wide support given by the footrests ensures a wide base of support. The wheelchair promotes good stability in the lower body and gives the spinal column natural curves. This provides a good base for balance and activity in the trunk and upper body. All together it gives the child a close to ideal position for handling the wheelchair.

The saddle seat enhances an active position rather than a slumped and passive position. The upright and active position also makes chest control and head control easier, which again will benefit speech, swallowing and respiration.

To ensure an optimal sitting position it is important to try out and adjust the wheelchair before use. *Do not use the wheelchair unless an individual trial has been carried out*. Furthermore, do not let other children use the wheelchair without an individual trial.

As children grow they change their movement and sitting pattern on a regular basis. It is likely that the child will need another size of the sitting unit or other adjustments. Contact your local physiotherapist or occupational therapist if the product is not optimal or if adjustments are needed.

The wheelchair is developed and tested to accommodate the maximum weight of 60 kg.

Attention: For the weak sighted we recommend to download the user manual for Sheriff S2 at **www.krabat.no** in PDF. Scale the document to desired size.

02.0

Main components

Fig. 01
Main components

The Krabat Sheriff S2 has the following main components:

01 Saddle seat with adjustable angle of the sitting unit, upholstery
02 Adjustable backrest, upholstery
03 Adjustable footrests
04 Frame
05 Propelling wheels
06 Fly wheel
07 Parking brake
08 Antitipper

03.0

Use

To obtain the optimal sitting position the height and angles of the seat, backrest and footrests need to be adjusted. This should be done by a therapist who has received training from Krabat AS, or a representative for Krabat AS

Most of the angles can be adjusted infinitely, or with the accompanying 4 mm Allen key situated under the seat. Always tighten all screws after adjusting the wheelchair.
The wheelchair is for indoor and outdoor use on hard and flat surfaces.

If you do descend a hill lean towards the ground, avoid sharp curves and sudden stops. PS: The handbrake is a parking brake. Do not under any circumstances use this brake when going downhill.

Always activate the brake when going in or out of the wheelchair.

The use of this wheelchair should be discussed with your therapist or someone who knows the child well. It is important to establish in which situations the child should use the wheelchair, how long they should use it and when to progress the time spell. This needs to be evaluated continuously as the child gets familiar with the wheelchair.

It is important to get information about how to get in and out of the wheelchair. This should be done under the individual trial or at delivery. Make sure the parking brake is activated before placing a child in the wheelchair.

03.1

Footrests

Place the feet on the footrest and tighten the belts. Children who use ankle-foot orthotics should wear these together with their shoes, whilst sitting in the Krabat Sheriff S2.

The height of the footrests is done by adjusting the strap between the frame and the footrests. In order to do so loosen the 4 screws which adjust the position forward or backward along the frame (fig. 02a). Each footrest is mounted with 2 screws. We can adjust the width and angel of the footrest by loosening the front screw (fig. 02b). By loosening both screws, we can adjust the rotation of the footrest (fig. 02b).
It is important to tighten the screws properly after adjustment.

Fig. 02a
The height of the footrest is adjusted by loosening 4 screws.

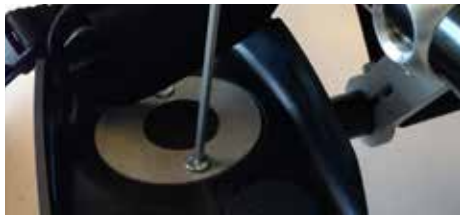

Fig. 02b
The width and angel is adjusted by loosening the front screw on top of the footrest.

03.2

Angle of seat

Place the child on the saddle seat and tighten the belt. Make sure the child is placed well into the seat in the midline position with symmetry in the legs / lower body. Use the hip belt both to maintain the position in the saddle seat and to reduce the risk of falling out of the chair. It should be used at all times. The angle of the seat can be adjusted by loosen 4 screws under the seat, using the accompanying 4 mm Allen key (fig. 03) Adjust the angle to desired position and tighten the screws.
It is important to tighten the screws properly after adjustment.

Fig. 03
Adjusting the angle of the seat

03.3

Height of the seat

The height of the seat can be adjusted by 2 screws under the seat, where the rods are sticking up from the frame (fig. 04). Simply loosen the screws and place the height of the seat in desired position.

It is important to tighten the screws properly after adjustment.

Fig. 04
Adjusting the height of the seat

03.4

Height of the backrest

The height of the backrest can be adjusted and fixed using the locking lever (fig 05). Open the locking lever and fix it firmly at desired height. If the locking lever does not fix the backrest properly, it can be tighten using the plastic ring under the lever.

Fig. 05
Adjusting the height of the backrest

03.5

Adjusting the tipping point

The tipping point can be adjusted by moving the seat forward or backward along the frame. Simply loosen two screws under the seat using the accompanying 4 mm Allen key (fig. 06). Slide the seat into desired position and tighten the screws properly.
However, we recommend a representative from Krabat AS together with the local therapist for this adjustment. This is to ensure optimal point of tipping and safe use of the wheelchair. When changing the point of tipping we also alter the tipping angle.

It is important to tighten the screws properly after adjustment.

Fig. 06
Adjusting the point of tipping

03.6

Use of the parking brake

The parking brake is activated by pressing the handle in front of the seat downwards (fig. 07). The parking brake locks both propelling wheels at the same time. The parking brake is deactivated by pulling the handle upwards (fig. 08).

Always activate the parking brake when taking a child in or out of the wheelchair. The parking brake should not be used whilst the wheelchair is moving. This could cause dangerous situations.
The wires for the parking brake might need adjustment when used for a period of time. If so contact Krabat AS or a representative for Krabat AS.

It is important to tighten the screws properly after adjustment.

Fig. 07
Parking brake activated (lower position)

Fig. 08
Parking brake deactivated (upper position)

03.7

Use of the anti tippers (accessories)

The Krabat Sheriff S2 can be fitted with 2 anti tippers. The standard position with 24" propelling wheels gives us a max tipping angle of 7 degrees. This can easily be altered to 14 degrees. Krabat recommend all users to have anti tippers fitted.

Fig. 09a
Inner position – deactivated

Fig. 09b
Pull plunger and slide the anti tipper out

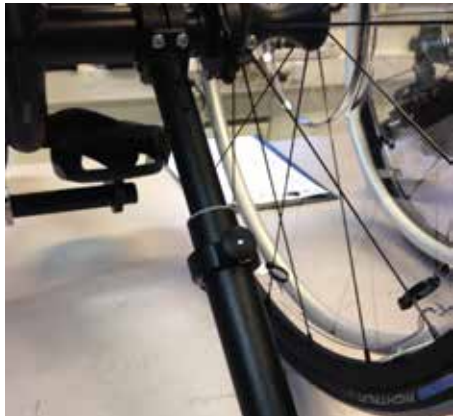

Fig. 09c
Outer position – activated

Fig. 09d
Change the angle of tipping – pull both plungers and twist 180 degrees

03.8

Adjusting the width

The width of the chair is adjusted by pulling the propelling wheels out. Loosen the screw shown in fig 10, pull out and tighten the screw properly. If the wheelchair is fitted with anti tippers, these need to be loosened as well.

It is important to tighten the screws properly after adjustment.

Fig. 10
Adjusting the width of the propelling wheels

04.0

Transport

The Krabat Sheriff S2 has Quick Release shafts. This ensures a quick and easy dismantle of the propelling wheels, when transporting the chair.

Press in the button in the centre of the shaft whilst pulling out the whole wheel (fig. 11). Always make sure the button pops out when mounting the wheel. This is an indication of a fixed shaft and a wheel ready for use. Make sure the propelling wheels are mounted as prescribed, to avoid dangerous situations.

The backrest can be folded down towards the seat to make the wheelchair more compact during transport (fig. 11).
Do not send the Krabat Sheriff S2 on a plane without suitable packaging (crate, suitcase, etc.). Shipping of the Krabat Sheriff without the suitable packaging can harm the product and cause dangerous situations.
The Krabat Sheriff S2 is not approved for car transport. The child must be seated in a car seat.

It is important to tighten the screws properly after adjustment.

Fig. 11 *Dismantle / mounting of the propelling wheel and folding of the backrest*

05.0

Accessories

Krabat AS develops accessories for Sheriff S2 on a continuous basis. Information about new accessories can be seen at **www.krabat.no**

All accessories will come with it's own user manual.

06.0

Technical data

Materials

Frame:	Anodized aluminum
Upholstery:	Flame retardant foam
Cover:	Flame retardant microfiber textile
Plastic parts:	POM, PA6 and ABS
Other metal parts:	Aluminum and steel

ISO 7176-15	MIN.	MAX	COMMENTS
Max load		60 kg	
Nominal air pressure	6,0 bar	8,0 bar	
Diameter of propelling wheels		24"	
Width	55,7 cm	63,7 cm	
Length		76,4 cm	
Height	71,5 cm	76,5 cm	
Weight	9,1 kg		Standard, with no accessories
Seat height above floor	47,5 cm	52,5 cm	
Tipping point	7 °	14 °	
Diameter hand rims		53,5 cm	
Height of shaft		30 cm	
Dept of seat		31 cm	
Width of seat		30 cm	
Angel of seat	Minus 15 °	Plus 15 °	Total 30 °
Width of backrest		32 cm	
Angle of backrest	Minus 15 °	Plus 15 °	Fixed to seat
Turning radius	47 cm		

07.1

Maintenance

All metal and plastic parts can be cleaned using mild soapy water. The seat and backrest is covered with upholstery, and can be cleaned using either a cloth and mild soapy water or machine washed at 40 degrees Celsius. The upholstery is fastened to the chair with Velcro. Advice about spot removal is given at **www.krabat.no**. Bearings and other movable parts are maintenance free and should not be lubricated.

Check the tires on a regular basis. The air pressure in the tires should be 8 bar. If you have a puncture use glue and patches, as for a bike. Contact Krabat AS if you have any further problems.

07.2

Individual adjustments and adaptations

If the wheelchair for some reason needs adjustment please contact a physiotherapist or an occupational therapist. Adaptations of the sitting unit must be made by qualified personnel or Krabat AS.

Do not under any circumstances make any modifications by yourself.

09

Notes

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